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Application No. 891856

FORM PTO 948 (REV. 01-97) U.S. DEPARTMENT OF COMMERCE-Patent and Trademark Office

NOTICE OF DRAFTPERSON'S PATENT DRAWING REVIEW

The drawing filed (insert date) _____ are:

A. _____ not objected to by the Draftperson under 37 CFR 1.84 or 1.152.
B. _____ objected to by the Draftperson under 37 CFR 1.84 or 1.152 as indicated below. The Examiner will require submission of new, corrected drawings where necessary. (Corrected drawings must be submitted according to the instructions on the back of this notice.)

1. DRAWINGS. 37 CFR 1.84(a): Acceptable categories of drawings: Black ink. Color. ____ Color drawing are not acceptable until petition is granted. Fig(s). ____ Pencil and non black ink is not permitted. Fig(s).	7. SECTIONAL VIEWS. 37 CFR 1.84(h)(3) ____ Hatching not indicated for sectional portions of an object. Fig(s). ____ Sectional designation should be noted with Arabic or Roman numbers. Fig(s).
2. PHOTOGRAPHS. 37 CFR 1.84(b) ____ Photographs are not acceptable until petition is granted. ____ 3 full-tone sets are required. Fig(s). ____ Photographs not properly mounted (must bristol board or photographic/double-weight paper). Fig(s). ____ Poor quality (half-tone). Fig(s).	8. ARRANGEMENT OF VIEWS. 37 CFR 1.84(i) ____ Words do not appear on a horizontal, left-to-right fashion when page is either upright or turned, so that the top becomes the right side, except for graphs. Fig(s). ____ Views not on the same plane on drawing sheet. Fig(s).
3. TYPE OF PAPER. 37 CFR 1.84(c) ____ Paper not flexible, strong, white and durable. Fig(s). ____ Erasures, alterations, overwritings, interlineations, folds, copy machine marks not acceptable. (too thin) ____ Mylar, vellum paper is not acceptable (too thin). Fig(s).	9. SCALE. 37 CFR 1.84(k) ____ Scale not large enough to show mechanism with crowding when drawing is reduced in size to two-thirds in reproduction. Fig(s).
4. SIZE OF PAPER. 37 CFR 1.84(F): Acceptable sizes: ____ 21.0 cm by 29.7 cm (DIN size A4) ____ 21.6 cm by 27.9 cm (8 1/2 x 11 inches) ____ All drawings/sheets not the same size. Sheet(s).	10. CHARACTER OF LINES, NUMBERS, & LETTERS. 37 CFR 1.84(l) ____ Lines, numbers & letters not uniformly thick and well defined, clean, durable and black (poor line quality). Fig(s).
5. MARGINS. 37 CFR 1.84(g): Acceptable margins: Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm SIZE: A4 Size Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm SIZE: 8 1/2 x 11 ____ Margins not acceptable. Fig(s). ____ Top (T) _____ Left (L) ____ Right (R) _____ Bottom (B)	11. SHADING. 37 CFR 1.84(m) ____ Solid black areas pale. Fig(s). ____ Solid black shading not permitted. Fig(s). ____ Shade lines, pale, rough and blurred. Fig(s).
6. VIEWS. 37 CFR 1.84(h): REMINDER: Specification may require revision to correspond to drawing changes. ____ Views connected by projection lines or lead lines. Fig(s). Partial views. 37 CFR 1.84(h)(2) ____ Brackets needed to show figure as one entity. Fig(s). ____ Views not labeled separately or properly. Fig(s). ____ Enlarged view not labeled separately or properly. Fig(s).	12. NUMBERS, LETTERS, & REFERENCE CHARACTERS. 37 CFR 1.48(p) ____ Numbers and reference characters not plain and legible. Fig(s). ____ Figure legends are poor. Fig(s). ____ Numbers and reference characters not oriented in the same direction as the view. 37 CFR 1.84(p)(3) Fig(s). ____ English alphabet not used. 37 CFR 1.84(p)(3) Fig(s). ____ Numbers; letters and reference characters must be at least .32 cm (1/8 inch) in height. 37 CFR 1.84(p)(3) Fig(s).
	13. LEAD LINES. 37 CFR 1.84(q) ____ Lead lines cross each other. Fig(s). ____ Lead lines missing. Fig(s).
	14. NUMBERING OF SHEETS OF DRAWINGS. 37 CFR 1.48(t) ____ Sheets not numbered consecutively, and in Arabic numerals beginning with number 1. Fig(s).
	15. NUMBERING OF VIEWS. 37 CFR 1.84(u) ____ Views not numbered consecutively, and in Arabic numerals, beginning with number 1. Fig(s).
	16. CORRECTIONS. 37 CFR 1.84(w) ____ Corrections not made from PTO-948 dated _____.
	17. DESIGN DRAWINGS. 37 CFR 1.152 ____ Surface shading shown not appropriate. Fig(s). ____ Solid black shading not used for color contrast. Fig(s).
COMMENTS	

REVIEWER DATE 3/13/98 TELEPHONE NO. ATTACHMENT TO PAPER NO.

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